



Attorney Docket No.: P-4891-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): GAZIT, Dan et al.

Examiner:

Quang Nguyen

Serial No.:

10/067,980

Group Art Unit:

1636

Filed:

February 8, 2002

Title:

METHODS AND COMPOSITIONS FOR ENHANCING CARTILAGE REPAIR

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO-1449:

1. 🔲	listing documents including patents, publications and other information for consideration
	by the Examiner, however, since the subject application was filed after June 30, 2003
	copies of United States patents, and/or United States patent applications, and/or United
	States patent application publications are not included in this information disclosure
	statement; and/or
2. 🔲	listing documents including patents, publications and other information that have been
_	previously cited or submitted to the Patent Office in prior application U.S. Serial No
	, filed which is properly identified and relied on for an earlier effective filing
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by the Examiner, copies of which are included with this information disclosure statement;

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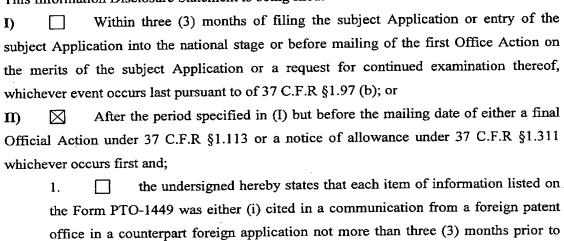
4. Issting other information for the Examiner's consideration which was cited in a communication from a foreign patent office in a counterpart foreign application, a copy of which is included with this information disclosure statement.

The information herein cited is only in fulfillment of Applicant(s) duty of candor in disclosing all information brought to Applicant(s) attention. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and every document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:



APPLICANTS: SERIAL NO.: GAZIT, Dan et al. 10/067,980 February 8, 2002

05-0649.

FILED: Page 3

the filing of this Information Disclosure Statement or (ii) not cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, not known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this information disclosure statement; or

the undersigned hereby authorizes the Patent Office to charge the fee 2. 冈 in the amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account 05-0649. After the period in (I) and (II) but before the payment of the issue fee and, III) 1. The undersigned hereby states: that each item of information cited on the form PTO-1449 a) was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement; or that no items of information contained in Form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; and The undersigned hereby authorizes the Patent Office to charge the 2. Petition fee in the Amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account APPLICANTS:

GAZIT, Dan et al.

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February 8, 2002

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 05-0649.

Mark S. Cohen

Attorney for Applicant(s) Registration No. 42,425

Respectfylly submitted,

Dated: July 20, 2004

Eitan, Pearl, Latzer & Cohen Zedek, LLP. 10 Rockefeller Plaza, Suite 1001

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Complete if Known 10/067,980 **Application Number** February 8, 2002 **Filing Date** GAZIT, Dan First Named Inventor 1636 Group Art Unit Quang Nguyen **Examiner Name**

P-4891-US1

(use as many sheets as necessary)

Attorney Docket Number of Sheet

U.S. PATENT DOCUMENTS						
Examiner initials*	Cite No. 1	U.S. Patent Document Number Kind Code ² (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Α	5,108,922	<u> </u>	Wang et al	April 28, 1992	
	В	5,013,649		Wang et al	May 7, 1991	
	С	5,116,738		Wang et al	May 26, 1992	
	D	5,106,748		Wozney et al	April 21, 1992	
	E	5,187,076		Wozney et al	February 16, 1993	· · · · · · · · · · · · · · · · · · ·
	F	5,141,905		Rosen et al	August 25, 1992	
	G	5,639,638		Wozney et al	June 17, 1997	
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				FORE	IGN PATENT DOCUME	NTS		
Examiner Initials*	Cite, No. 1		gnPatent Do Number⁴ <i>(if</i>	nd Code ⁵ known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7'
	Н		91/18098	wo	Hewich et al	November 28, 1991		
	ı	T	93/00432	wo	Wozney et al	January 7, 1003		
	J		93/00050	wo	Ron et al	January 7, 1993		
	κ ;		19837438	DE	Czichos, Stefan, et al	August 18, 1998		
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-96)

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	Substit	ute for f	orm 1449B/PTO	Complete if Known			
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6	use as n	nany sh	eets as necessary)	Examiner Name	Quang Nguyen		
Sheet	2	of	2	Attorney Docket Number	P-4891-US1		

		NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ilitiais	L.	Brittberg M et al (1994) N Engl J Med. 331(14):889-95.	
	М	Kispert A et al, (1995) EMBO J. 1995 Oct 2;14(19):4763-72.	
	N	Papaioannou VE et al (1998) Bioessays. 20(1):9-19.	
	0	Smith (1999) J Trends Genet. 15(4):154-8.	
	P	Ahrens (1993) DNA Cell Biol. 12(10):871-80	
	Q	Hollnagel A et al, (1997) J Bone Miner Res. 12(12):1993-2004	
	R	Bachner D et al (1998) Dev Dyn. 213(4):398-411.	
-	s	Bachner D et al (1998) Mech Dev. 84(1-2):121-5.	
	T	Zehentner BM et al (1999) J Bone Miner Res. 14(10):1734-41	
	U	Murakami et al (2000) Proc Natl Acad Sci U S A. 97(3):1113-8	
	V	Kispert A et al, (1995) Dev Biol. 168(2):406-15.	
 	w	Takeuchi et al (2000) Genes Cells 5, 71-78.	
	×	Mazars A et al (2000) Oncogene. Mar 2;19(10):1277-87.	
	Y	Kispert A et al (1994) Dev Biol. Jan;161(1): 179-93.	
	z	Wilkinson DG et al (1990) Nature. 343(6259):657-9	

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